

THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

We claim:

1. (Previously Presented) A platform system comprising:
a software services component comprising at least one functional software unit;
a hardware component comprising at least one hardware unit associated with the at least one functional software unit; and
a software interface component comprising at least one software interface, the software interface component being adapted to provide access by a mobile-terminal application software for testing the mobile terminal to the software services component and the hardware component during testing of a mobile terminal and during a lifecycle of the mobile terminal;
the software interface component being adapted to isolate the hardware component and software services component from user applications; and
wherein a code space occupied by the mobile-terminal application software may be overwritten after the testing of the mobile terminal has been completed.
2. (Previously Presented) The platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.
3. (Previously Presented) The platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.
4. (Previously Presented) The platform system of claim 1, wherein the software interface component comprises a middleware services layer.

5. (Canceled)

6. (Previously Presented) The platform system of claim 2, wherein the mobile-terminal application software comprises software for use during servicing of the mobile-terminal during the lifecycle of the mobile terminal.

7. (Previously Presented) The platform system of claim 6, further comprising the mobile-terminal application software.

8. (Previously Presented) The platform system of claim 1, further comprising the mobile-terminal application software, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

9. (Previously Presented) The platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during production of the mobile terminal.

10. (Previously Presented) The platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

11. (Previously Presented) The platform system of claim 1, wherein the mobile terminal is for use in a wireless telecommunication system.

12. (Previously Presented) A method of testing a mobile terminal the method comprising:

providing in the mobile terminal a software interface component having at least one software interface, the software interface component adapted to isolate software service components and hardware components of the mobile terminal from user application software;

interoperably connecting the mobile terminal to a test system;

providing, via the interface component, of access by a mobile-terminal-test application software to the software and hardware of the mobile terminal during testing of the mobile terminal;

controlling, by the test system, the mobile-terminal-test application software via an external interface during the testing of the mobile terminal;

retaining the software interface component, the hardware, and the software on the mobile terminal; and

deleting the mobile-terminal-test-application software from the mobile terminal.

13. (Previously Presented) The method of claim 12, further comprising the step of using the mobile terminal in a wireless telecommunication system.

14. (Original) The method of claim 12, further comprising deleting the mobile-terminal-test-application software from the mobile terminal after the testing of the mobile terminal has been completed.

15. (Previously Presented) The method of claim 12, further comprising the step of deleting the mobile-terminal-test-application software from the mobile terminal after it has been provided to a customer

16. (Canceled)

17. (Previously Presented) The method of claim 15, further comprising adding application software in a code space previously occupied, at least in part, by the deleted mobile-terminal-test-application software.

18. (Original) The method of claim 12, wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.

19. (Original) The method of claim 12, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.